

A Message from the Director of the National Science Foundation

During my career, I've had the opportunity to witness the power of great partnerships. They are especially effective in science and engineering (S&E) fields, often accelerating innovation and multiplying outcomes. I'm proud of the National Science Foundation's (NSF) long history of working with private sector organizations, government agencies and philanthropic institutions to leverage federal resources to advance S&E research, education and training. These collaborations are helping change the pace and look of discoveries that are vital to our future.

This year, NSF has been fortunate to enter into several new partnerships. Our most recent was just announced at the end of September. To support the needs of the future workforce, Boeing Corporation will invest \$10 million to design and deploy online curricula to accelerate training in critical skill areas such as



robotics, data science and artificial intelligence. As a complement to Boeing's contribution, NSF's Directorate for Education and Human Resources will invest \$10 million for research focused on re-skilling and improving the technical abilities of the nation's S&E workforce. Boeing will also contribute \$1 million to NSF INCLUDES, an initiative to broaden S&E participation and one of the agency's 10 Big Ideas. The funding will help support programs that address the needs of women returning to the S&E workforce, especially veterans. With this gift, Boeing becomes the first business to contribute at a national level to NSF INCLUDES.

NSF is grateful to Boeing for its commitment to the future of the S&E workforce in the U.S. and I encourage all of you to consider ways to partner with the agency. Together, we can enlarge our commitment to a future that is technically advanced and available to all.

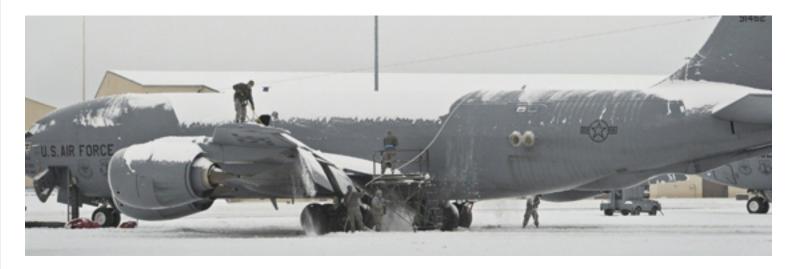
Dr. France A. Córdova

Director, National Science Foundation

Zame St. Gidowa

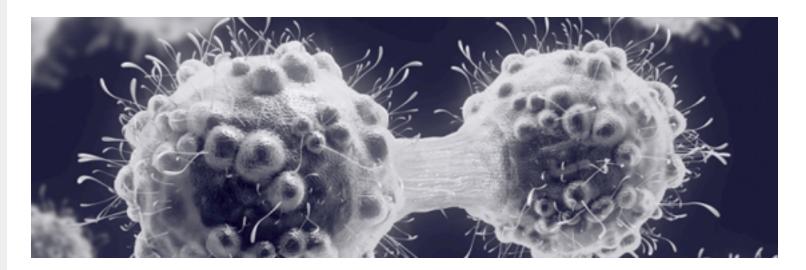
Visit my blog!

Where Discoveries Begin...



Frost-free surfaces could save billions during the winter months

Flight delays and power outages may be history thanks to a new anti-frosting surface.



Insider's view of cancer cells helps determine choice of therapy

A hydrogen peroxide sensor inside cells reveals the effectiveness of chemotherapy.



A portable EKG for solar farms

A physics model analyzes solar panel data from any location, helping extend their lifetimes.

What's Next

Oct. 23-24 – Dr. France Córdova will discuss convergence at the National Academy of Sciences in Washington, D.C.

Nov. 1 – Dr. France Córdova will discuss broadening participation at the Rosalind Franklin Society, Wistar Institute, in Philadelphia, Pennsylvania.



Tell us how NSF is making a difference in your community











Our mailing address is:

National Science Foundation 2415 Eisenhower Avenue Alexandria, VA 22314

Add us to your address book

Want to change how you receive these emails? You can update your preferences or unsubscribe from this list